

I claim:

1. A tool for use with a rotary hammer drill having a masonry drill bit with a splined end, a bullnose foundation, and a stem, the tool being used to install nail-pin anchors having nails and sleeves and anchor bolts having stems into concrete, the tool comprising:

an elongated cylindrical body member having a bore, a first tapered end, and a second end, the body member further having an internal foundation on the bore near the tapered end;

a spring sized to fit inside the bore of the body member, the spring having an end stopped by the internal foundation on the bore of the body member;

a driver having a nailing end and an impact end, the nailing end of the driver being inserted through the second end of the body member into the bore, inside the spring disposed therein, in axial alignment;

a ram having a bore, the ram further having a driving end and a socket end, the socket end having an internal shoulder, the driving end of the ram being inserted through the second end of the body member into the bore, in axial alignment, the driving end of the ram resting against the impact end of the driver;

means for holding the ram in place inside the bore of the body member;

means for temporarily locking the tool to the masonry drill bit, the stem of the masonry drill bit having been inserted into the bore of the ram, the bullnose foundation of the masonry drill bit resting against the internal shoulder of the socket end of the ram;

the rotary hammer drill, upon activation, imparting percussive force to the socket end of the ram, which impacts the driver, which impacts the nail-pins and sleeves of the nail-pin anchors and the stems of the anchor bolts, without impacting the body member of the tool.

2. The tool of claim 1, wherein the ram further has a sleeve at the driving end of the ram and a keyed bearing having a longitudinal slot, the keyed bearing being axially disposed inside the sleeve of the ram and held therein, and wherein the stem of the masonry drill bit terminates with a winged tip, the winged tip having been slid through the slot in the keyed bearing until it extends out therefrom, then turned ninety degrees (90°).

3. The tool of claim 1 wherein the means for holding the ram in place inside the bore of the body member comprises a snap ring expandably fit into a groove in the bore of the body member.

4. The tool of claim 1 wherein the ram further has a sidewall opening and wherein a supplementary means for temporarily locking the tool to the masonry drill bit comprises a spring clip having an end attached to the ram, the spring clip being disposed to press against the stem of the masonry drill bit, through the sidewall opening in the ram.

5. The tool of claim 1, wherein the tapered open end of the body member terminates in a tip, the tip having been machined to have an inner concave shape.

6. The tool of claim 1, wherein the body member has an outer surface with knurls machined therein.